

Annual Performance Report 2019

General Information

Facility/System Name: City of Laurinburg Water Treatment Plant
Responsible Entity: City of Laurinburg
Person In Charge/Contact: Dixon Medlin, Treatment Plants Director
Applicable Permit(s): NC0036773

Description of Filter Backwash Discharge System

The City of Laurinburg operates a 6.0 MGD Water Treatment Facility at 603 Lauchwood Drive. The wastewater that is generated at this facility is the water that is used to backwash the three rapid sand filters, this water is discharged into Big Branch Creek.

Summary of System Performance for Calendar Year 2019

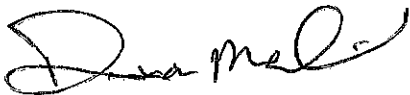
The discharge from the City of Laurinburg's Water Treatment Plant met all permit requirements for 2019.

Notification

This Annual Performance Report will appear on the City of Laurinburg's web site <http://www.laurinburg.org> and a statement on our Consumer Confidence Report (CCR) will inform citizens that the Annual Report is available via internet or upon request.

Certification

I certify under penalty of law that this report is complete and accurate to the best of my knowledge. I further certify that this report has been made available to the users or customers of the named system and that those users have been notified of its availability.



Dixon Medlin
Treatment Plants Director
City of Laurinburg
January 22, 2020

Annual Performance Report 2019

General Information

Facility/System Name: Pilkington North American Wastewater Plant
Responsible Entity: City of Laurinburg
Person In Charge/Contact: Dixon Medlin, Treatment Plants Director
Brianne Murray, ORC
Applicable Permit(s) NC0021661

Description of Wastewater System

The Pilkington North American Wastewater Treatment Plant is a 30,000 gallons per day wastewater facility with the following components: extended aeration, anaerobic sludge digesters, clarifier and post chlorination. This facility treats only the domestic waste from Pilkington North American Plant.

Summary of System Performance for Calendar Year 2018

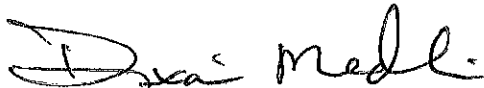
The discharge from the Pilkington North American Wastewater Treatment Plant met all permit requirements for 2019.

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Dixon Medlin, Treatment Plants Director
Treatment Plants Director
City of Laurinburg
January 22, 2020

Annual Performance Report 2019

General Information

Facility/System Name:	City of Laurinburg Leith Creek Wastewater Plant
Responsible Entity:	City of Laurinburg
Person in Charge/Contact:	Dixon Medlin, Director/ORC Stacey Mcquage, Collections ORC
Applicable Permit(s)	NC0020656 / WQ002526 / WQCS00062

Description of Collection System

The City of Laurinburg's collection system consists of 34 pump stations located throughout the system. There are 123.7 miles of gravity sewers and 24 miles of force mains. All our systems are electronically monitored (SCADA) 24 hrs. a day.

Description of Leith Creek Wastewater Plant

Our Leith Creek Plant consist of two types of treatment, one extended aeration plant, consisting of 2 aeration basins, 2 clarifiers, 2 chlorine contact chambers and one return sludge pump station with 3 pumps, total capacity 2.0 million gallons per day (MGD).

The second plant is an oxidation ditch style with 1 clarifier, 1 chlorination point and 1 return sludge pump station with 3 dual speed pumps, total capacity 2.0 MGD, for a total treatment capacity of 4.0 MGD. The facility has 2 aerobic digesters, (1) 150,000-gallon tank and (1) 650,000-gallon tank with coarse air diffusers.

The City of Laurinburg is now participating in an effort to make available educational information regarding sources of household mercury and appropriate use/disposal practices. This program will facilitate public awareness regarding community collection points for mercury-containing products from residents/customers for proper disposal. Periodic reminders of such collection programs will be provided as part of the City of Laurinburg's Leith Creek WWTP.

Summary of System Performance for Calendar Year 2019

The discharge from the City of Laurinburg's Leith Creek Wastewater Treatment Plant met all permit requirements except for the following months. January 2019 we received Non-Compliant due to exceeding the daily flow of 4.000 MGD. This was the result of draining our EQ Basin to prepare for future rainfall events. March 2019 Non-Compliant due to exceeded MGD average flow 4.208 MGD due to I & I and draining EQ Basin to prepare for additional rainfall expected. April 2019 Non-compliant due to flow exceeding average daily limit of 4.000 MGD due to draining EQ Basin at the WWTP and Influent flow. May 2019 Non-compliant due to exceeded

Ammonia Nitrogen monthly average limit of 5.0 with a 5.1 average. This was the results of mechanical problems that we had at the WWTP. One new aerator gear

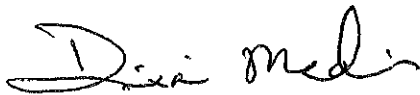
box and motor was installed and motors that had to be repaired have been returned and installed. These repairs should correct this issues.

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A handwritten signature in black ink that reads "Dixon Medlin". The signature is written in a cursive style with a large initial "D" and "M".

Dixon Medlin, Treatment Plants Director
City of Laurinburg
January 22, 2020